

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)

BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599 www.miamidade.gov/economy

MIAMI-DADE COUNTY

WinDoor, Incorporated 7500 Amsterdam drive

Orlando, Florida, 32832

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "V-800" Outswing Single Vinyl Door-LMI

APPROVAL DOCUMENT: Drawing No. 08-01766 Rev C, titled "Series V-800 Vinyl Outswing Single Door", sheets 1, 1A, 2 through 10 of 10, prepared by manufacturer, dated 09/10/12 and last revised on 10/03/2013, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant Limitations:

- 1. See Design Pressures tables Vs sill types in sheets <u>1A</u>. See glazing detail in sheet <u>2</u>.
- 2. See multi-locking points for Hoppe in sheet 8 and hardware detail in sheet 9. The Hoppe hardware shoot bolts at head & sill must engage min 3/4" beyond the door frame into specified substrate.
- 3. Standard Door sill (detail, sheet 5) to be set with 3/8" continuous full width construction sealant, compatible to the substrate with min 18 #/in (PLI) durable shear strength (see note #14, sheet 1). The Low profile sill to be secured with min three screws (detail, sheet6) & with additional optional construction sealant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", as noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

(MIAMI-DADE COUNTY)
APPROVED

NOA No. 13-0110.01 Expiration Date: February 06, 2019 Approval Date: February 06, 2014

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections
- 2. Drawing No. **08-01766** Rev C, titled "Series V-800 Vinyl Outswing Single Door", sheets 1, 1A, 2 through 10 of 10, prepared by manufacturer, dated 09/10/12 and last revised on 10/03/2013, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with marked-up drawings and installation diagram of Vinyl Single outswing, prepared by National Certified Testing Laboratories Inc, Test Report No. **NCTL-210-3825-2A** dated 08/13/12 and revised on 09/26/12 Rev 01, 03-12-13 Rev 02 and 09/30/13 Rev 03, signed & sealed by Gerald J, Ferrara, P.E.

C. CALCULATIONS

- 1. Anchor verification calculations & structural analysis, complying with FBC-2010, dated 10/11/2012 and last revised on 01/02/2014, prepared, signed and sealed by Luis R. Lomas, P.E.
- 2. Glazing complies with ASTME-1300-02 &-04.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Sentry Glass ®", expiring on 01/14/17.
- 2. Notice of Acceptance No. 12-0106.01 issued to Veka, Inc. for their "White Rigid PVC, expiring on 03/04/17.

F. STATEMENTS

- 1. Statement letter of conformance to FBC 2010 and "No financial interest", dated 11/10/2012, prepared, signed and sealed by Luis R. Lomas, P.E.
- 2. Test lab compliance statement, part of the above referenced reports.

G. OTHER

1. Test Proposals #12-0642 dated 04/24/12 approved by RER.

Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 13-0110.01 Expiration Date: February 06, 2019

Approval Date: February 06, 2014

NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
- 2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3. PROPERLY SECURED 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE, SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 5. FRAME MATERIAL: EXTRUDED RIGID PVC.
- 6. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 3 FOR GLASS OPTIONS.
- 7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM TO BE 1/4".
- 9. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #14 GRADE 5 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE, LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11, FOR ANCHORING INTO METAL STRUCTURE USE #14 GRADE 5 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL, LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 12. ALL FASTENERS TO BE CORROSION RESISTANT.
- 13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW: A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
- 14. STANDARD DOOR SILL TO BE SET IN A FULL WIDTH, CONTINUOUS 3/8" THICK BED OF SEALANT, WITHOUT 1/4" SHIM SPACING, EQUAL TO OR BETTER THAN C.R. LAURENCE M64 POLYURETHANE CONSTRUCTION SEALANT HAVING 18 #/IN (PLI) SHEAR STRENGTH. SEALANT AT LOW SILL IS ADDITIONAL SUPPLEMENT TO ANCHOR SCREWS. A COMPATIBILITY OF ALUMINUM DOOR SILL, SEALANT AND ADJACENT SUBSTRATE TO BE DETERMINED BY ARCHITECT OF RECORD.

| | REVISIONS | | | | |
|-----|-------------------------|----------|----------|--|--|
| REV | DESCRIPTION | DATE | APPROVED | | |
| Α | REVISED PER MD COMMENTS | 03/13/13 | R.L. | | |
| В | REVISED PER MD COMMENTS | 07/15/13 | R.L. | | |
| С | REVISED PER MD COMMENTS | 10/01/13 | R.L. | | |

Approved as complying with the Florida Building Code Date FEBC6,2014 NOAB 13-010.01 Miami Dade Product Control

SIGNED: 10/03/2013

| TABLE OF CONTENTS | | | | |
|-------------------|---|--|--|--|
| SHEET NO. | DESCRIPTION ' | | | |
| 1 | NOTES | | | |
| 1A | ELEVATIONS | | | |
| 2 – 3 | B.O.M., CROSS SECTIONS AND GLAZING DETAIL | | | |
| 4 - 6 | INSTALLATION DETAILS | | | |
| 7 | COMPONENTS | | | |
| 8 - 10 | HARDWARE DETAILS & LOCATIONS | | | |

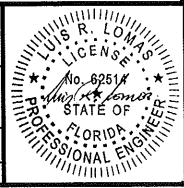
WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832

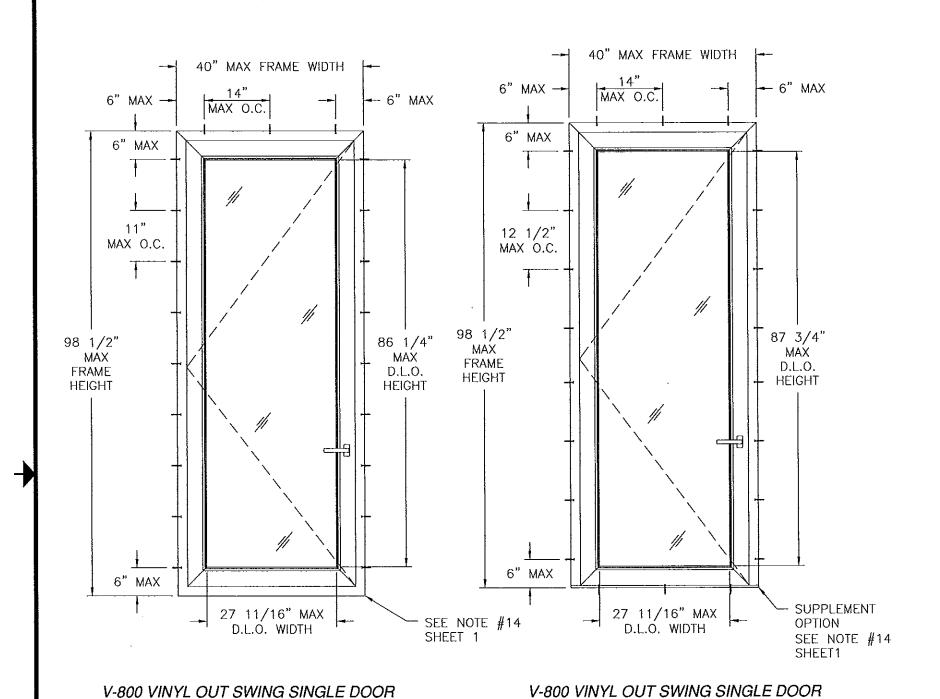
Phone: 407.481.8400 Fax: 407.481.0505

www.windoorinc.com

V-800 VINYL OUT-SWING SINGLE DOOR WITH STANDARD AND LOW PROFILE SILLS **ELEVATION AND NOTES**

DRAWN: V.L. 08-01766 SHEET 1 OF 10 SCALE NTS DATE 9/10/12





REVISIONS DATE APPROVED REV DESCRIPTION 03/13/13 R.L. REVISED PER MD COMMENTS 07/15/13 R.L. REVISED PER MD COMMENTS 10/01/13 R.L. С REVISED PER MD COMMENTS

SIGNED: 10/03/2013

| DESIGN PRESSURE RATING | IMPACT RATING |
|------------------------|-------------------------|
| ±90.0PSF | LARGE MISSILE IMPACT |

STANDARD SILL EXTERIOR VIEW

LOW PROFILE SILL - EXTERIOR VIEW

| s noro | ved as complying with % |
|--------|--------------------------------|
| | a Buiding Code |
| Date_ | 2/6/17 |
| NOA | 13:0110:01 |
| 外內軍 | Desc Product Control |

WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832

Phone: 407,481.8400 Fax: 407,481.0505

www.windoorinc.com

V-800 VINYL OUT-SWING SINGLE DOOR WITH STANDARD AND LOW PROFILE SILLS **ELEVATIONS**

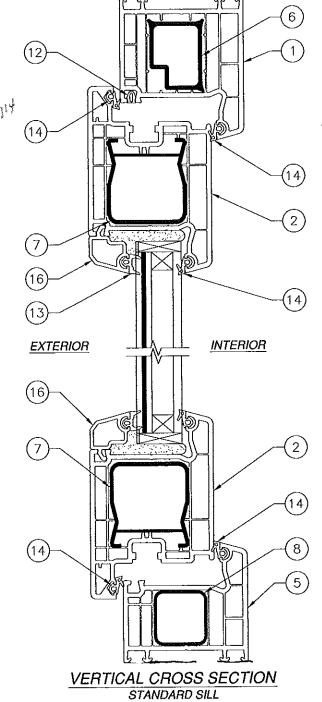
DWG NO. DRAWN: 08-01766 ٧.L. SCALE NTS DATE 9/10/12 SHEET 1A OF 10

STATE STATE STATE

| | | PARTS LIST | | |
|-----|-----------------|----------------------------------|--------------|--------------------------|
| NO. | PART NUMBER | DESCRIPTION | MANUFACTURER | MATERIAL |
| 1 | 101.214 | 3 1/8" TALL MAIN FRAME | VEKA | *WHITE RIGID PVC |
| 2 | 103.242 | 4 1/8" TALL OUTSWING SHSH FRAME | VEKA | *WHITE RIGID PVC |
| 3 | | LOW PROFILE SILL ASSEMBLY | VEKA | SEE SUBASSEMBLY |
| 3A | 104.427 | SILL PART A | VEKA | ALUMINUM 6063-T5 |
| 3B | 104.427_A | SILL PART B | VEKA | ALUMINUM 6060-T66 |
| 3C | 104.428 | LOW PROFILE SILL COVER | VEKA | *WHITE RIGID PVC |
| 4 | NOT USED | | | |
| 5 | 101.208 | 2 5/8" TALL FRAME (REGULAR SILL) | VEKA | *WHITE RIGID PVC |
| 6 | FH-07295 | HEAD/JAMB FRAME REINFORCEMENT | KEYMARK | ALUMINUM 6005-T61 |
| 7 | FH-07296 | SASH REINFORCEMENT | KEYMARK | ALUMINUM 6005-T61 |
| 8 | FH-06606 | STANDARD SILL REINFORCEMENT | KEYMARK | ALUMINUM 6005-T61 |
| 9 | 104.129 | GASKET RECEIVER | VEKA | *WHITE RIGID PVC |
| 10 | AP299 | 1/4" HINGED SCREW COVER PVC | ARK-PLASTICS | *WHITE RIGID PVC |
| 11 | 112.026 | GASKET | VEKA | |
| 12 | 112.380 | FRAME POCKET FILLER | VEKA | EPDM 60 DURO |
| 13 | 112.050 | GLAZING GASKET | VEKA | EPDM 60 DURO |
| 14 | 112.253 | GLAZING GASKET | VEKA | EPDM 60 DURO |
| 15 | FH06512 | JAMB FRAME REINFORCEMENT | KEYMARK | ALUMINUM 6005-T61 |
| 16 | 107.200 | 1" GLASS STOP | VEKA | *WHITE RIGID PVC |
| 17 | 00598N | ROTO PS 27 DOOR HINGE | ROTO | |
| 18 | 3672216 | COVER PLATE | FUHR | ALUMINUM 6005-T61 |
| 28 | | #10x3/4" PH SCREW | | |
| 29 | | #10x1-1/2" PH SCREW | | |
| 30 | | #10x2" FH SCREW | | |
| 31 | 01-100-7755-002 | SETTING BLOCK | FRANK LOWE | 80 DUROMETER |
| 32 | SIKA 552 | SILICONE SEALANT | SIKA | |
| 33 | SEE SHEET 9 | HOPPE SILL LOCKING HARDWARE | HOPPE | S.S. |
| | | | | |

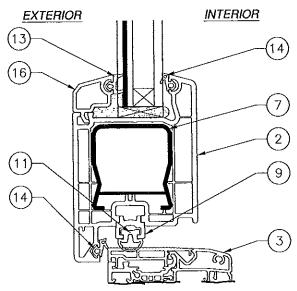
* WHITE PVC/EXTRUSION SHALL BE LABELED W/AAMA CERTIFICATE, EXTRUDER'S NAME, CITY, STATE & "MDCA"

ITEMS 19-27 ARE SHOWN IN SHEET 9. FOR STANDARD AND LOW PROFILE SILL ITEM #33



| REVISIONS | | | | |
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FOR ILLUSTRATION PURPOSES ONLY FOR INSTALLATION DETAILS SEE SHEETS 4 AND 5



VERTICAL CROSS SECTION
LOW PROFILE SILL

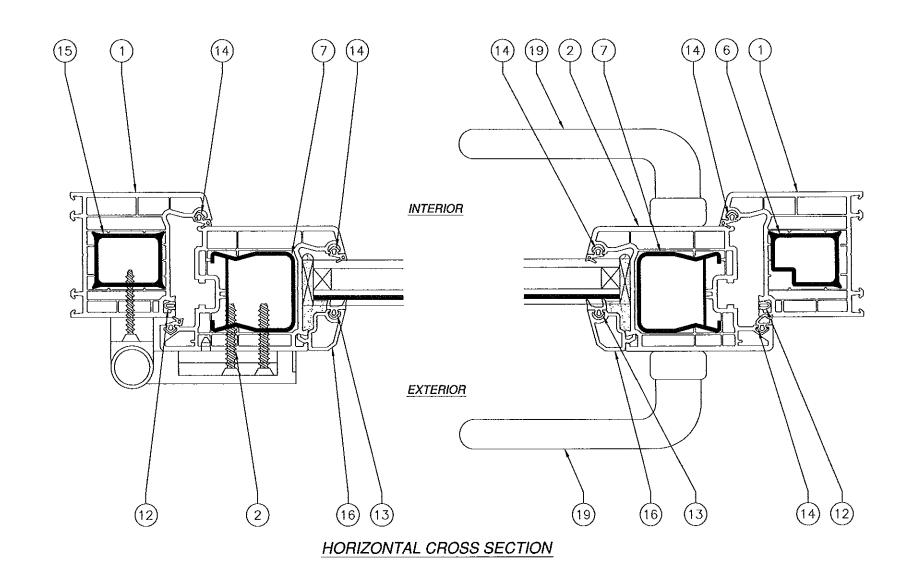
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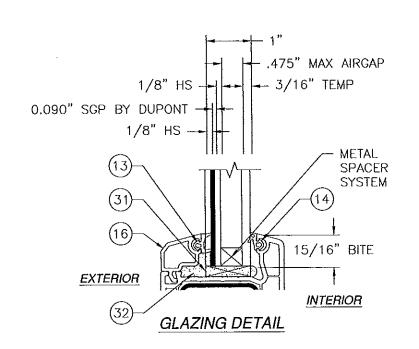
WinDoot ORLANDO, FL 32832

INCORPORATED Phone: 407.481.8400
Pat: 4

FOR ILLUSTRATION PURPOSES ONLY FOR INSTALLATION DETAILS SEE SHEETS 4 AND 5

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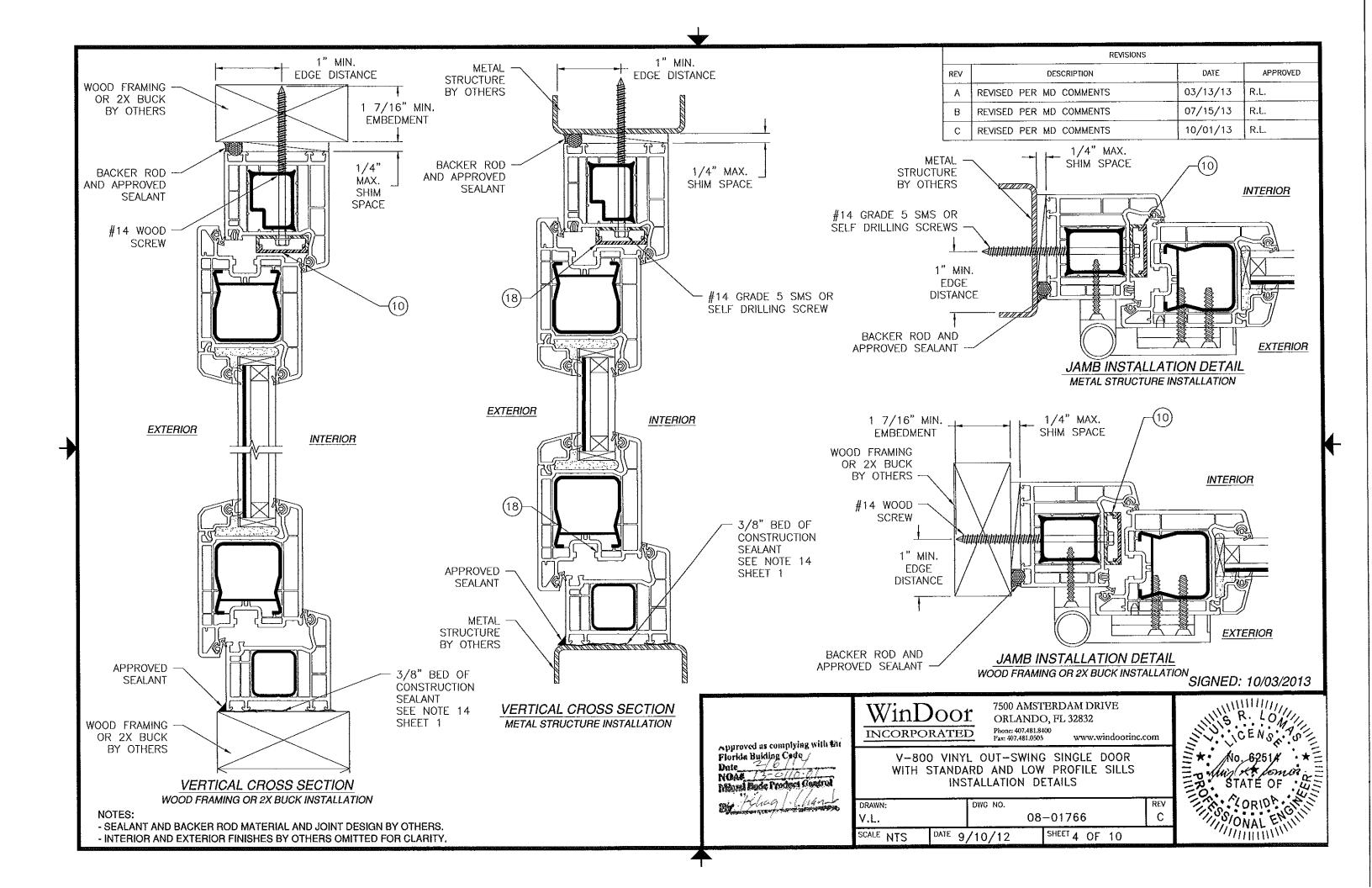
7500 AMSTERDAM DRIVE WinDoor ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 INCORPORATED www.windoorinc.com Approved as complying with the Blassia Huking Code
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Hilami Rade Frederi Control V-800 VINYL OUT-SWING SINGLE DOOR WITH STANDARD AND LOW PROFILE SILLS CROSS SECTIONS AND GLAZING DETAILS DRAWN: DWG NO. V.L. 08-01766 SCALE NTS SHEET 3 OF 10 DATE 9/10/12

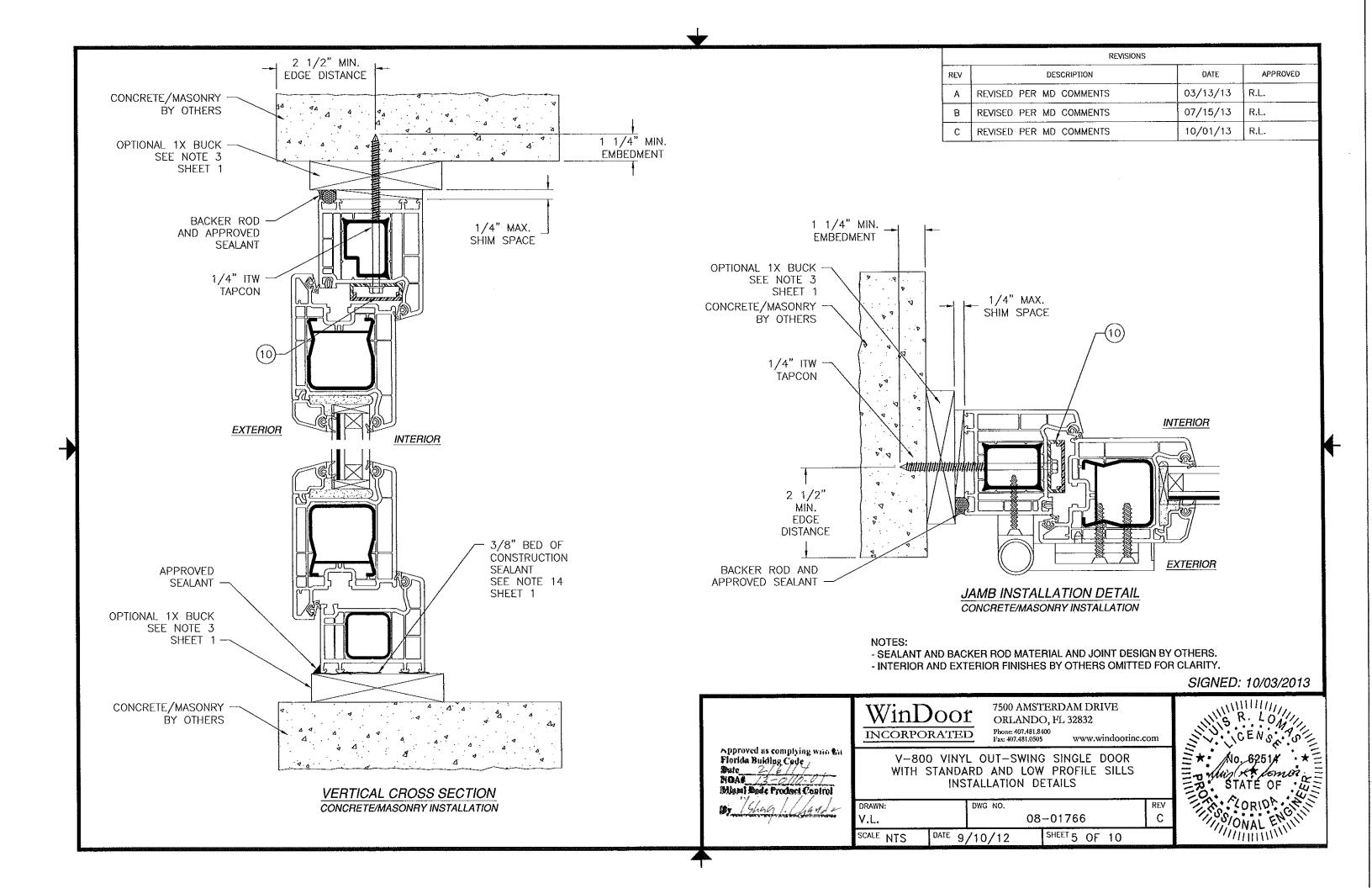
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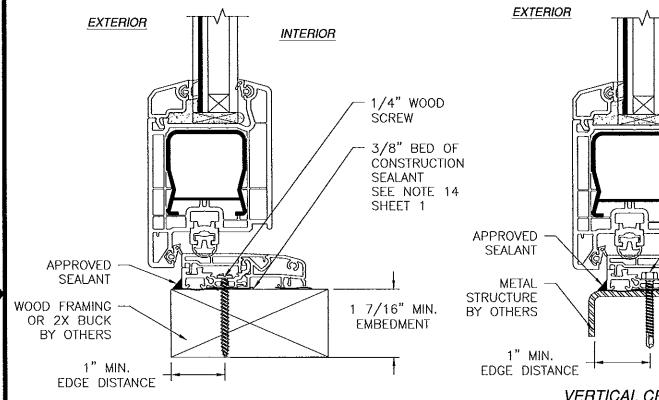
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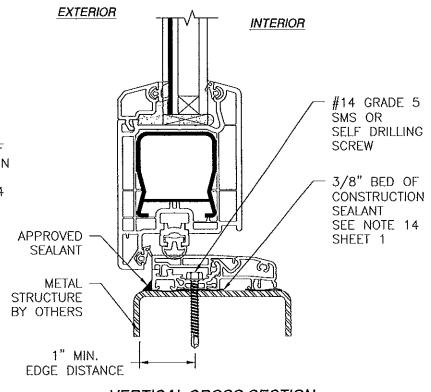




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VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION
LOW PROFILE SILL SHOWN
FOR HEAD & JAMB INSTALLATION REFER TO SHEETS 4 & 5

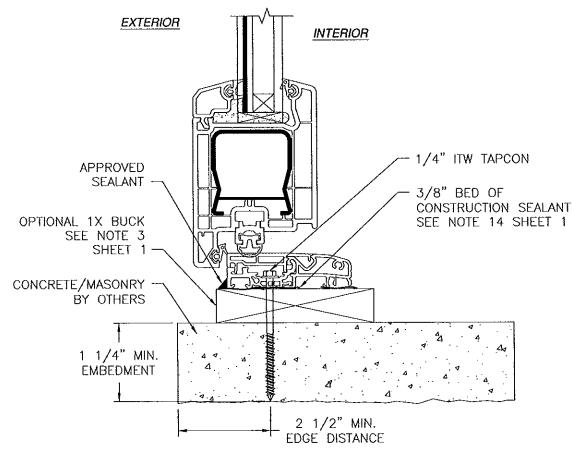


VERTICAL CROSS SECTION

METAL STRUCTURE INSTALLATION

LOW PROFILE SILL SHOWN

FOR HEAD & JAMB INSTALLATION REFER TO SHEETS 4 & 5



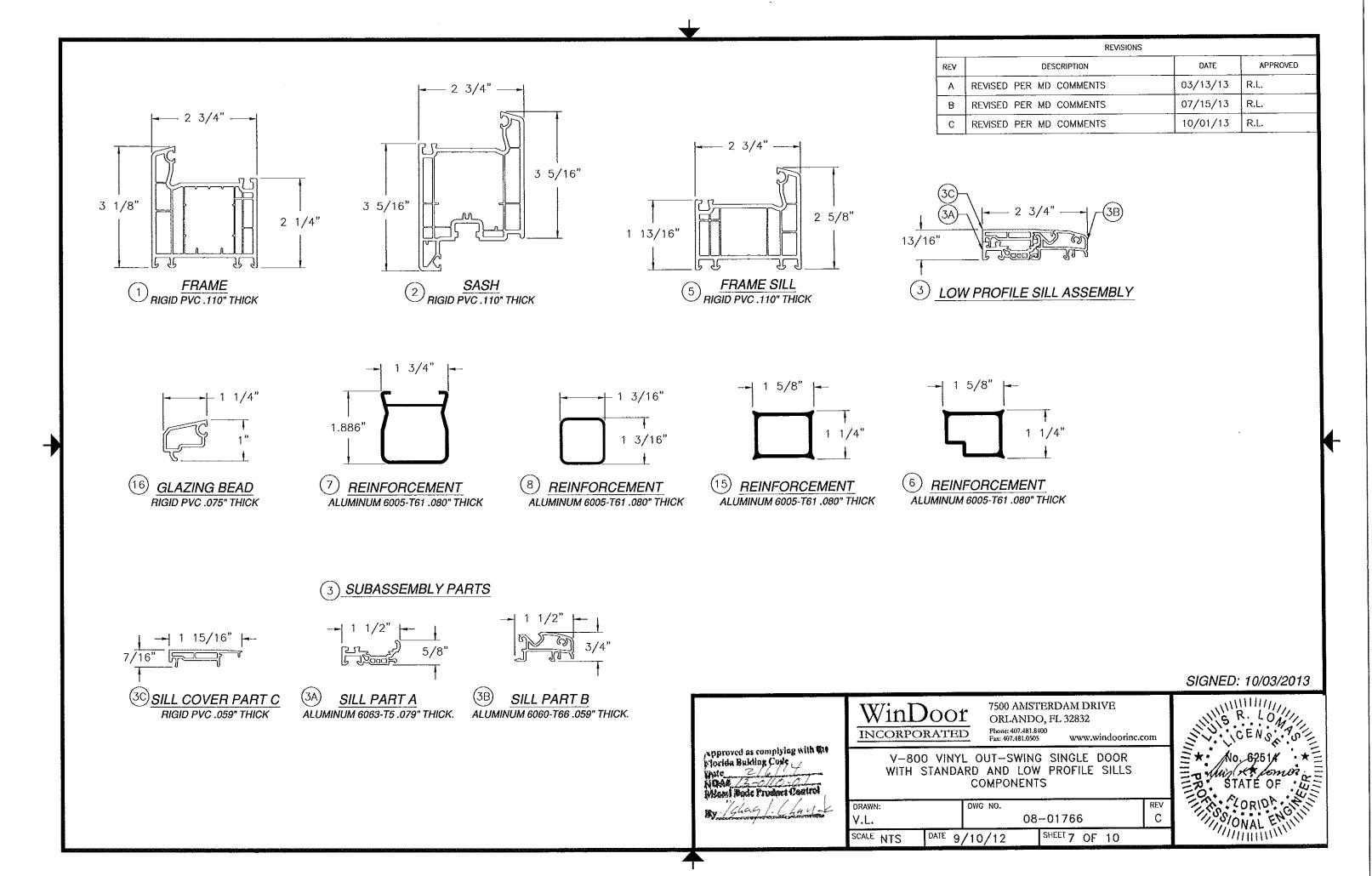
VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION
LOW PROFILE SILL SHOWN
FOR HEAD & JAMB INSTALLATION REFER TO SHEETS 4 & 5

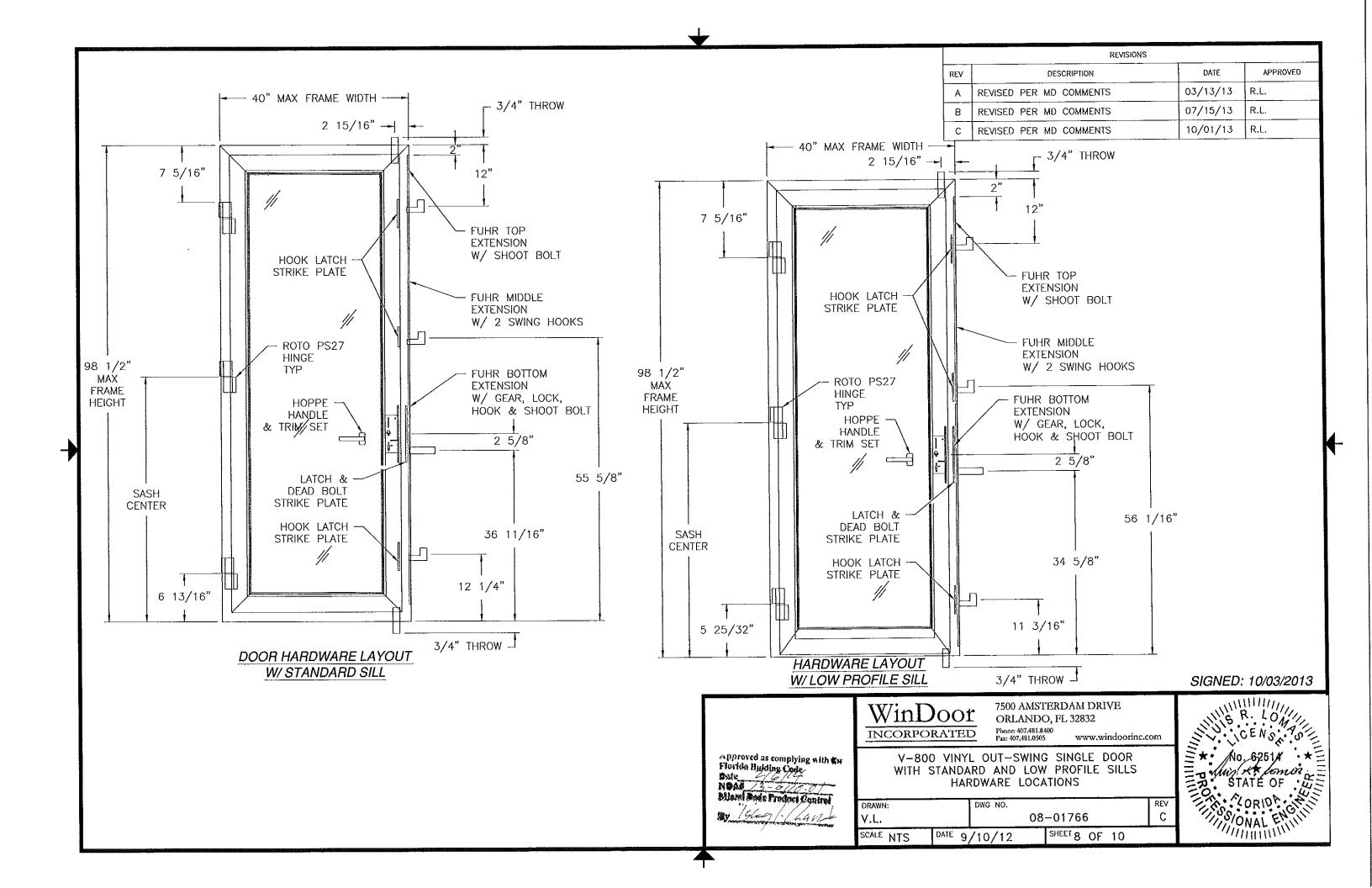
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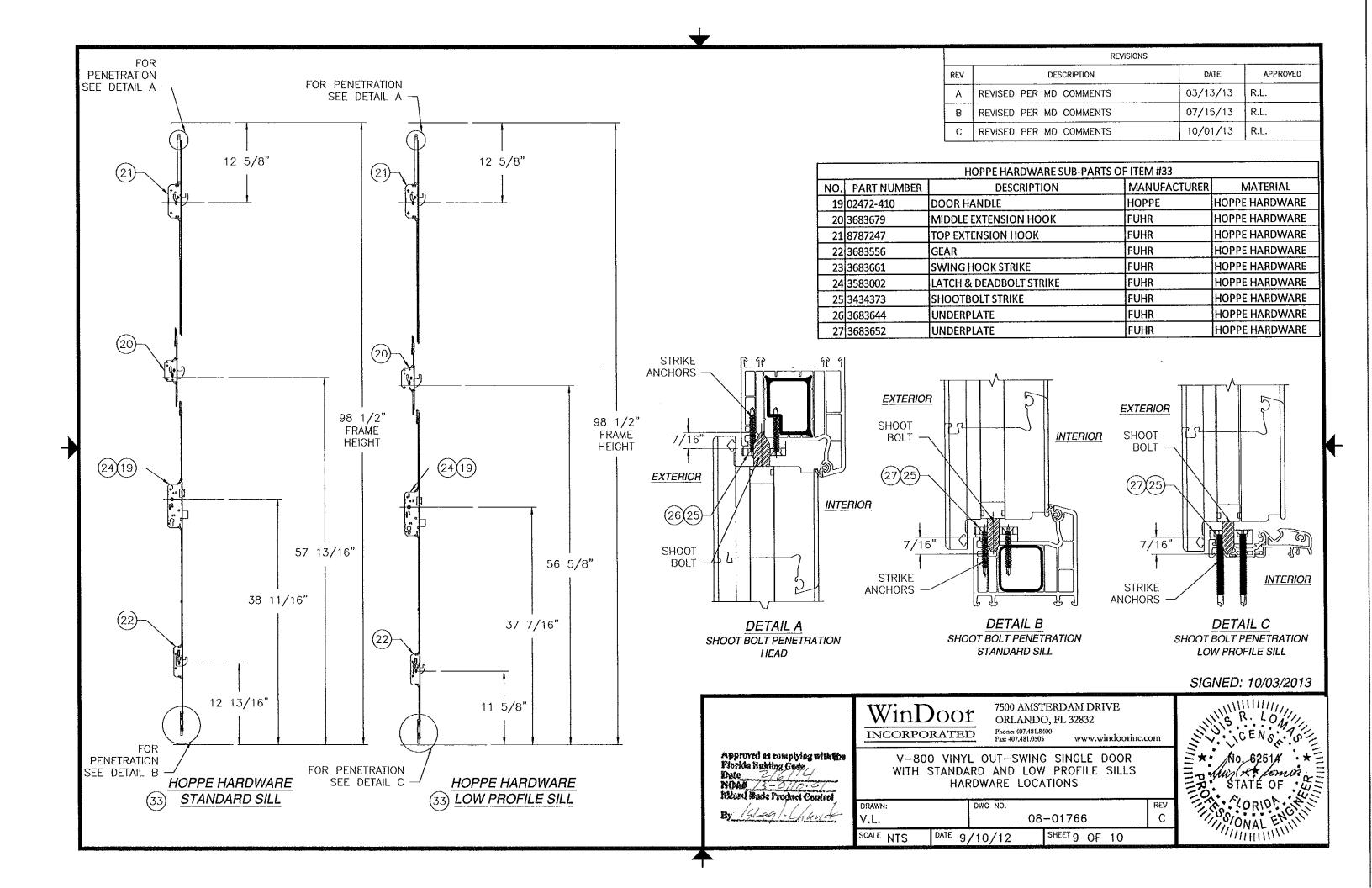


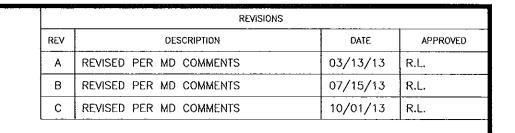
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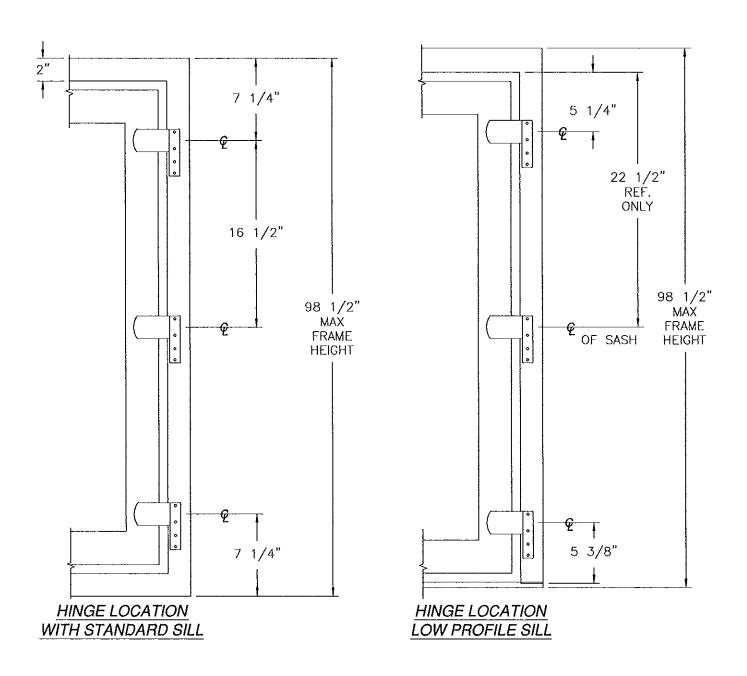
- SEALANT AND BACKER ROD MATERIAL AND JOINT DESIGN BY OTHERS.
- INTERIOR AND EXTERIOR FINISHES BY OTHERS OMITTED FOR CLARITY.

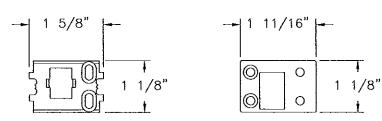






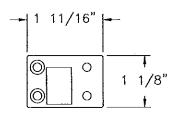






(25) SHOOTBOLT STRIKE

(26) <u>UNDERPLATE</u>



(27) UNDERPLATE

SIGNED: 10/03/2013

| | WinI INCORPC | | ORLAN | | .com |
|--|---------------------|--------|-----------|------------------|------|
| Approved as complying with the Florida Building Code Date Posts NOAS Diland Rade Product Control | WITH STANDARD AND L | | RD AND LO | OW PROFILE SILLS | |
| Ny lakage Leven | DRAWN: V.L. | | DWG NO. | 08-01766 | RE |
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No. 62514 *

No. 6